

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 52016012  
PUBLICATION DATE : 07-02-77

APPLICATION DATE : 30-07-75  
APPLICATION NUMBER : 50091955

APPLICANT : TOSHIBA CORP;

INVENTOR : MURAKAMI YOSHIO;

INT.CL. : F04B 37/16

TITLE : VACUUM SYSTEM

ABSTRACT : PURPOSE: The shortening of the exhaust-time without moving samples by equipping an ion-pump combined with rough-drawing sorption pumps and an expansion container to a preparatory exhaust chamber.

COPYRIGHT: (C)1977,JPO&Japio